



53D WEAPONS EVALUATION GROUP (WEG)



ROLES & ISSUES

Colonel Scott Norwood
Commander, 53 WEG



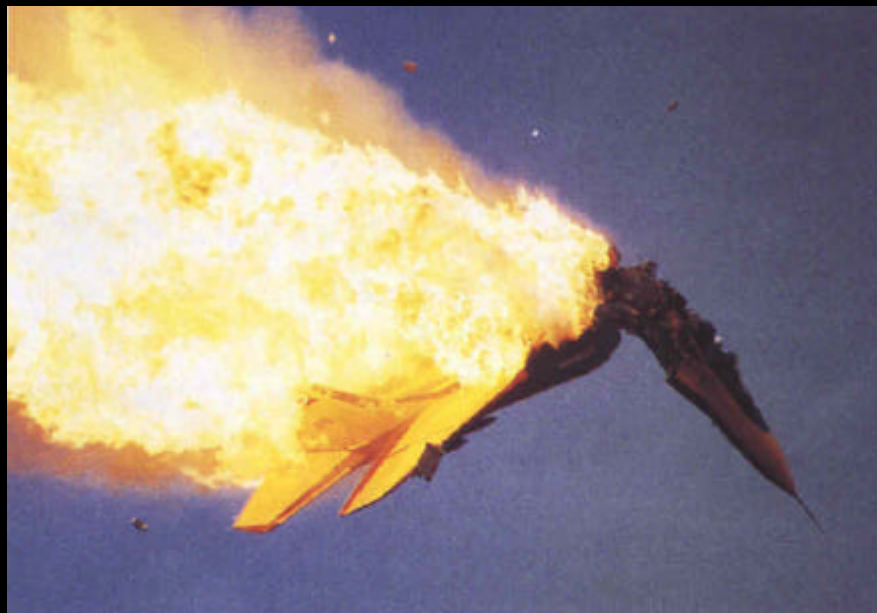
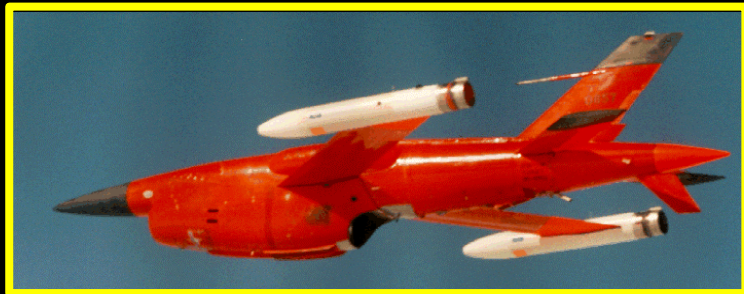
OVERVIEW



- **WEG BACKGROUND**
- **WSEP ROLES & ISSUES**
- **AERIAL TARGET ROLES & ISSUES**

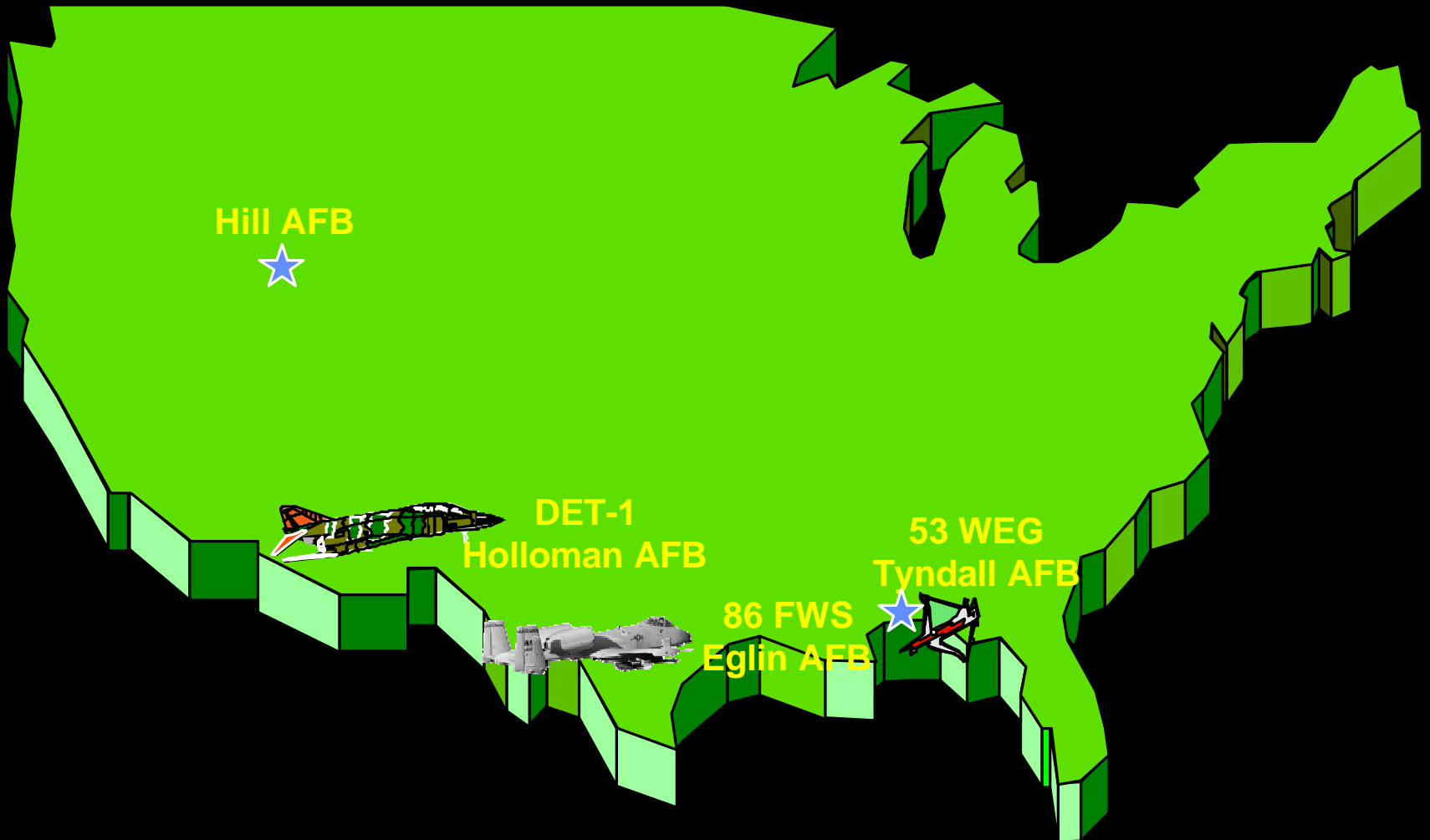


53d WEG MISSIONS



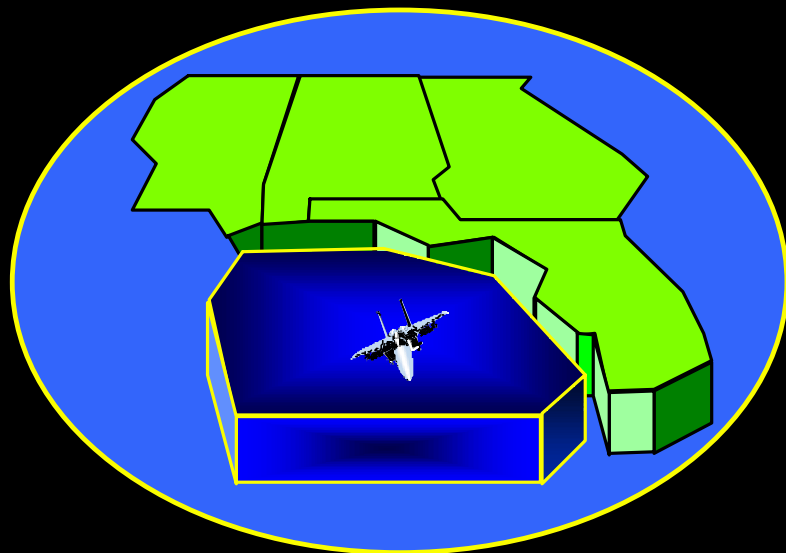


53D WEAPONS EVALUATION GROUP





GULF RANGE COMPLEX

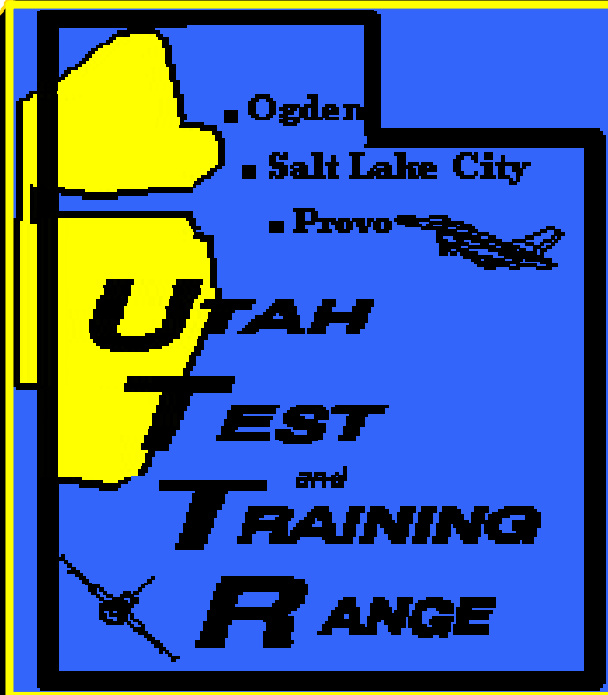


- W-151, W-470, W-168
- 86,000 Square Miles SFC to 70,000 Feet Supersonic, EA, IRCM

**NATIONAL
TEST
ASSET**



UTAH TEST AND TRAINING RANGE



- 12,574 Square NM of Airspace
- 2.3 Million Acres of DoD Land (961,850 AF)
- Airspace Volume is 62,240 NM
- Airspace extends from ground to 58,000 Feet
- Hill AFB, nearby, has a 13,200 ft runway



**NATIONAL
TEST
ASSET**



81ST TEST SUPPORT TEST SUPPORT (TS) DIRECTORATE





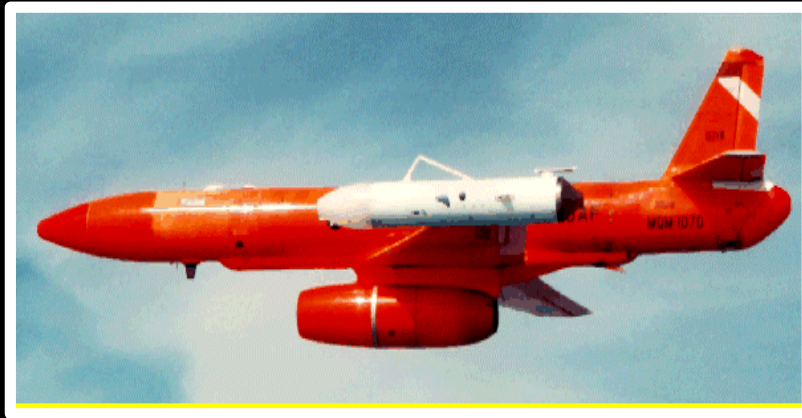
81 TSS

“WETSTONE” OPERATIONS





82d ATRS AERIAL TARGETS



MQM-107D STREAKER



BQM-34 FIREBEE



QF-4 PHANTOM



DRONE CONTROL



GRDCS



GMCS





E-9A WIDGET



AIRBORNE TELEMETRY & SEA SURVEILLANCE



WATERCRAFT OPERATIONS





SPECIAL DEVICES FLIGHT





83 FWS COMBAT ARCHER





86 FWS COMBAT HAMMER



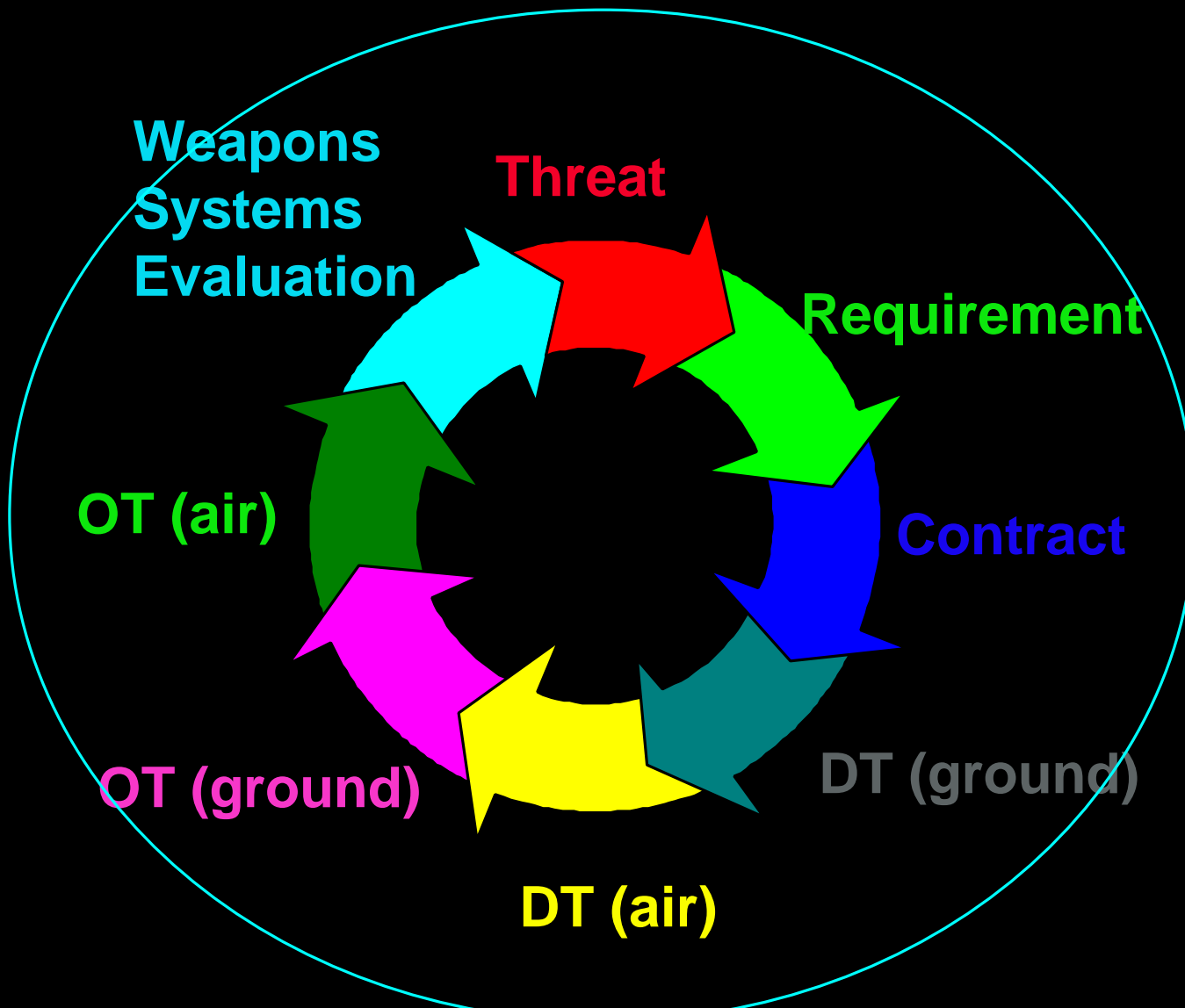


WSEP ROLE





WSEP ROLE

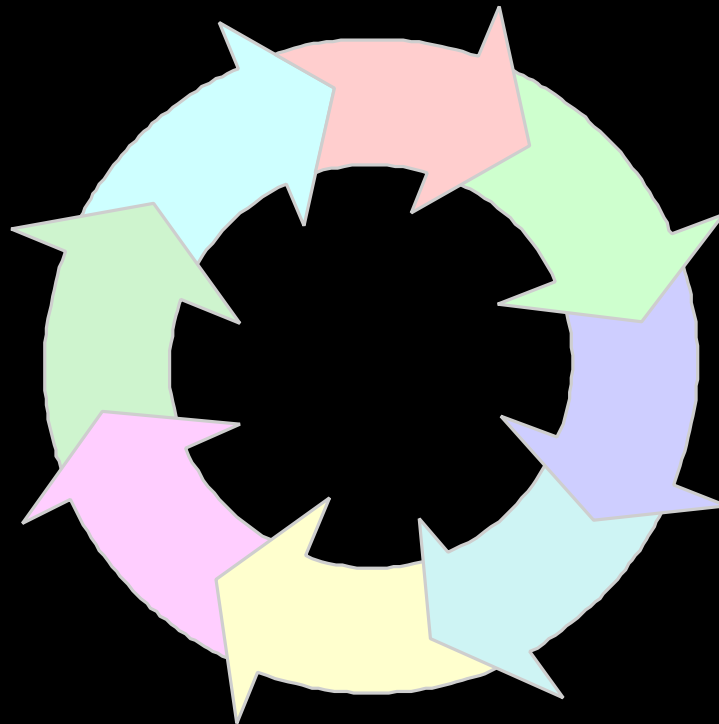




WSEP ROLE

- END-TO-END
- ALL VARIANTS
- OT/DT SHORTFALLS
- OT/DT UNKNOWNNS
- RELIABILITY
- FLEXIBILITY

- AFFORDABILITY
- TRAINING VALUE





WSEP ISSUES



COMBAT ARCHER

- SSAT INVENTORY
- SSAT COST
- MANNING

COMBAT HAMMER

- **CONFIDENCE LEVELS LOW**
- INCREASE THROUGHPUT
 - SCHEDULING CONOPS
 - TELEMETRY
 - TARGETS
 - MOVE TO UTTR
- MANNING



FSAT ROLE & ISSUES



- WHY FSAT?
- AN FSAT'S LIFE



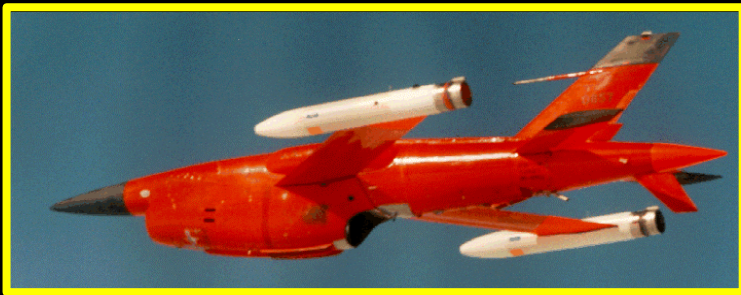
FLEET HEALTH

- **CLASS A MISHAP RATE**
- THE QF-4 ORA
- THE ONGOING QF-4 ORA
- FY 98 RESULTS
- THE CHALLENGE



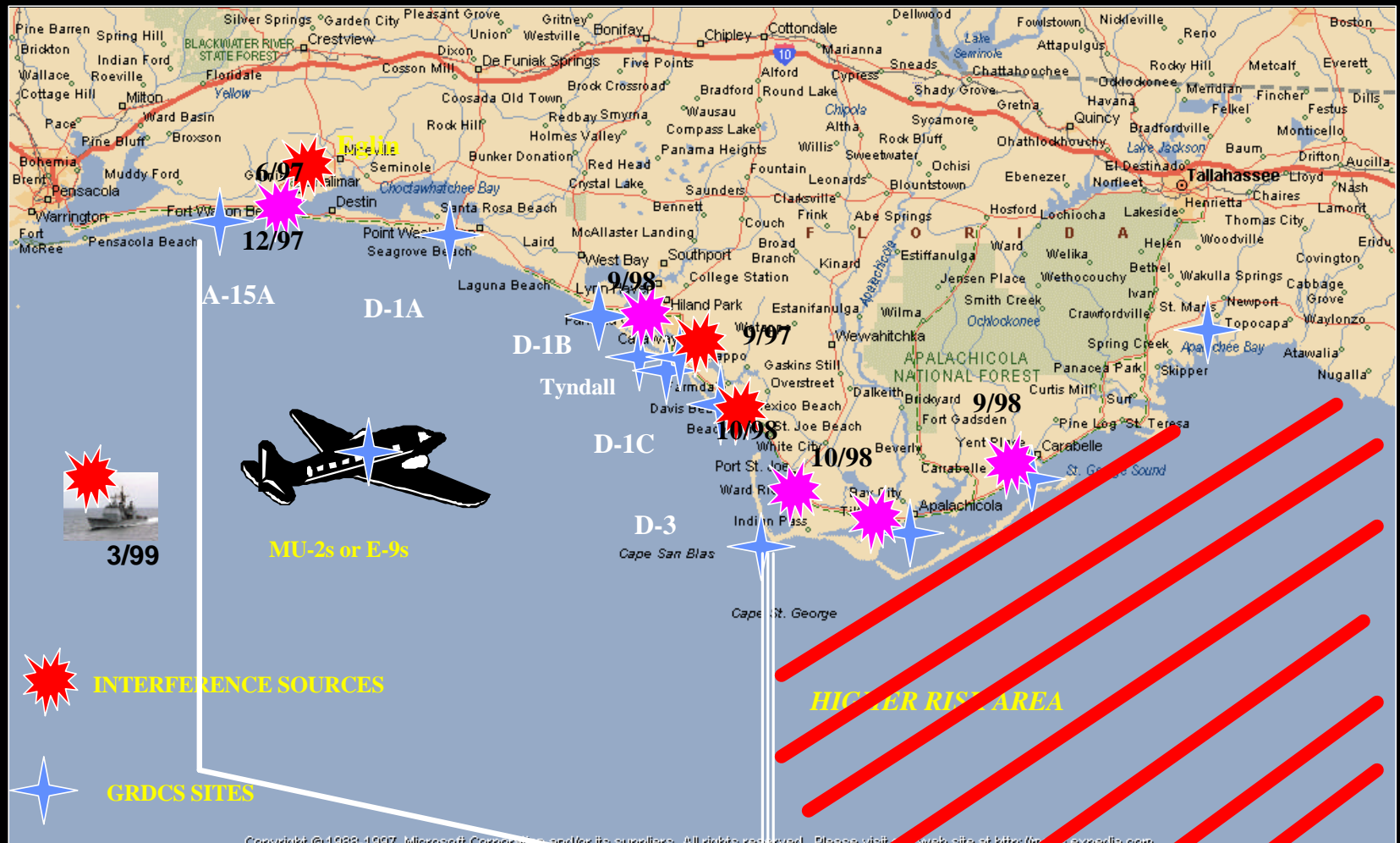
FSAT ROLE & ISSUES

- **WHY SSAT?**



SSAT ISSUES

- **PLUG AND PLAY**
- **TECH DATA**
- **AFFORDABILITY**





GPS-BASED SYSTEMS



- **NARROW BAND REQUIRES GPS**
- **GPS = BASIS FOR RANGE INDEPENDENCE**
- **RANGE INDEPENDENCE =**
 - **CONSOLIDATION**
 - **REDUCED O&M**
 - **BETTER CUSTOMER SUPPORT**
- **THE REQUIREMENTS**



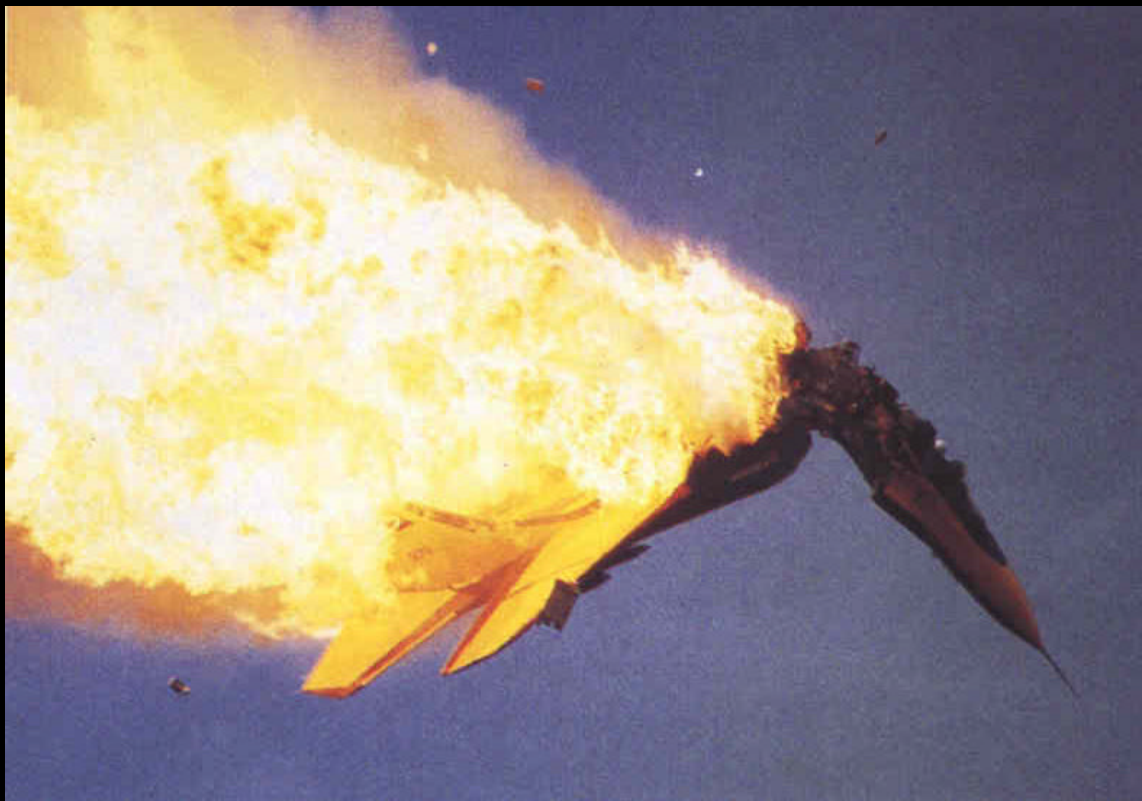
PERSONAL VIEW



- **TEAMWORK WITH OSD IS CRITICAL**
- **JOINT FSAT ORGANIZATION**
 - **TWO CENTERS OF EXCELLENCE**
 - **DEPLOYABLE**
- **JOINT WSEP ORGANIZATION**

We are short of money, so we must start to think.

Lord Rutherford



QUESTIONS ?